Use Attainability Analysis

for

WBID 0140 Young's Creek

Submitted by SES, Inc.

To Missouri Department of Natural Resources Water Protection Program

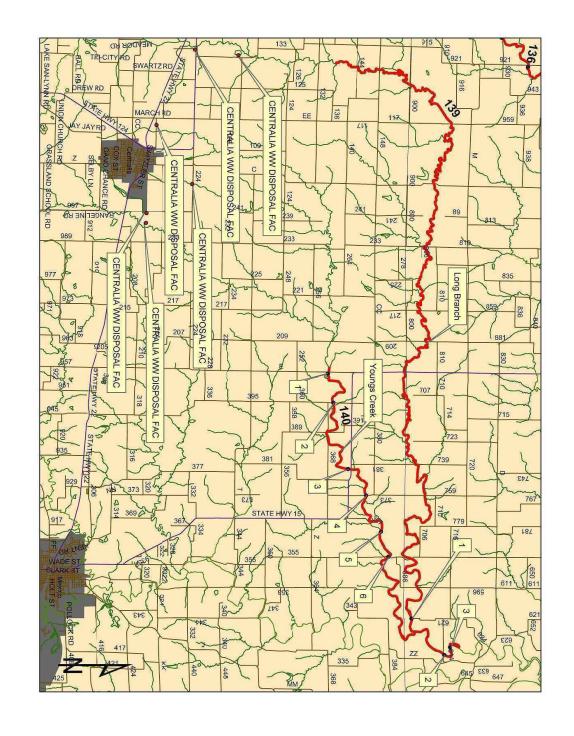
Date Received: June 3, 2007

Field Data Sheets for Recreation Use Stream Surveys Data Sheet A - Water Body Identification

(For water body being surveyed)

Water Body Information

Water Body Name: Youngs Creek	WBID:	140
8 digit HUC code:	County:	
7110006	Monroe	
Upstream Legal Description		
52n 10w sec10		
Downstream Legal Description		
53n 8w sec30		
Number of Sites Evaluated		
6		
List all site numbers, listed upstream to downstream		
1,2,3,4,5,6		
Discharger Facility Information		
Discharger Facility Name(s):		
Centralia WW Disposal Facility		
Discharger Permit Number(s):		
MO 0028789		
UAA Surveyor		
Name of Surveyor:	Telephone Numb	oer:
Gelisa Gould	913-307-0054	
Organization/Employer: SES, Inc.		
Position: Field Team Leader		
Signed:	D ate:	



WBID 140 Site # 1

Date and Time: 5-29-07 3:45pm

Current Weather Conditions

partly cloudy

Weather Conditions for Past 10 days:

Drought Conditions? No

Site Location (e.g. road crossing)

crossing at E rd. GPS Mark:

24

Upstream Photo Downstream Photo

2 1

Uses Observed (Uses actually observed at time of survey) Circle

Swimming Skin Diving SCUBA diving Tubing

Water Skiing Wind Surfing Kayaking Boating

Wading Rafting Hunting Trapping

Fishing None of the Above Other

Surrounding Conditions

City/county parks Playgrounds MDC conservation lands Urban areas

Campgrounds Boating accesses State parks National Forests

Nature trails Stairs/walkway No trespass sign Fence

Steep slopes None of the Above Other

Indications of Human Use

Roads Rope swings Foot paths/prints Dock/platform

Livestock Watering RV/ATV Tracks Camping Sites Fire pit/ring

NPDES Discharge Fishing Tackle Other:

WBID # 140		Site #	1						
Mark # 24			Oxygen (p	. ,	9.3				
Upstream Views Phy	sical Dime	nsions:	Is there a	ny water p	resent at this	view?			
			If an in the	ve on ohv	y				
			ii so, is the	ere an obv	ious current? y				
Select one of the foll	owing cha	nnel featur	es:		у				
	nel Feature								
Riffle	15								
Run	0								
Pool	85								
Downstream View's Physical Dimensions: Is there any water present at this view? If so, is there an obvious current?									
					I				
Substrate: % Cobble 35	% Gravel 3	22.5	% Sand		32.5				
76 CODDIE 33	70 Glavel 3	02.0	70 Sanu		32.3				
% Mud/Clay	% Bedrock]						
Aquatic Vegetation:	(Note amou	ınt of vege	tation or al	gal grow	th at the asse	essment site)			
	algal growth 20% on bottom; plant growth in stream								
Water Characteristics	s								
Odor	Sewage	Musky	Chemical	None	Other				
Color	Clear	Green	Gray	Milky	Other				
Bottom Deposit	Sludge	Solids	Fine Sed.	None	Other				
Surface Deposit	Oil	Scum	Foam	None	Other				

Site # 1 Mark # 24 0140_Youngs Creek_Boone

Substrate: 0.50 Substrate: 0.50 Substrate: 0.50 Substrate: 0.50 Substrate: 0.15 gravel/silt Water Clarity: 0.00 cobble/silt 0.15 gravel/silt 0.25 Water Clarity: 0.25 Water Clarity: 0.25 Water Clarity: 0.25 Water Clarity: 0.25 Channel Feature: 0.50 Cloudy 0.50 Cloudy 0.50 Channel Feature: 0.55 Channel Feature: 0.50 Channel Width: 0.45 Channel Width: 0.45 Channel Width: 0.45 Channel Width: 0.40 6.00 6.00 6.00 0.15 0.15 0.43 0.40 0.16 6.00 0.16 <		Depth (m)		Depth (m)	
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	0.18	0.10	0.33	0.10	

-	Depth (m)
Transect 9	0.10
Substrate:	0.15
gravel/silt	0.15
Water Clarity:	0.15
cloudy	0.25
Channel Feature:	0.30
pool	0.25
Channel Width:	0.20
6.00	0.10
0.18	0.50
Transect 10	0.10
Substrate:	0.30
gravel/silt	0.40
Water Clarity:	0.40
cloudy	0.15
Channel Feature:	0.25
pool	0.30
Channel Width:	0.40
17.00	0.25
0.28	0.20
Transect 11	0.10
Substrate:	0.40
gravel/silt	0.65
Water Clarity:	0.55
cloudy	0.30
Channel Feature:	0.30
pool	0.25
Channel Width:	0.25
17.00	0.35
0.30	0.30

Site Median Site Maximum 0.25 0.65

WBID 140 Site # 2

Date and Time:

5-29-07 4:55pm

Current Weather Conditions

cloudy

Weather Conditions for Past 10 days:

Drought Conditions? No

Site Location (e.g. road crossing)

395 crossing GPS Mark:

25

Upstream Photo Downstream Photo

Uses Observed (Uses actually observed at time of survey) Circle

Swimming Skin Diving SCUBA diving Tubing

Water Skiing Wind Surfing Kayaking Boating

Wading Rafting Hunting Trapping

Fishing None of the Above Other

Surrounding Conditions

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Campgrounds Boating accesses State parks National Forests

Nature trails Stairs/walkway No trespass sign Fence

Steep slopes None of the Above Other

Indications of Human Use

Roads Rope swings Foot paths/prints Dock/platform

Livestock Watering RV/ATV Tracks Camping Sites Fire pit/ring

WBID # Mark # Upstream	140 25 Views Phy				opm) ny water p	10 present at this	view?
				it so, is the	ere an obv	ious current? y	
Select one		owing cha	nnel featur	es:			
Riffle Run	% of Chan	nei reature					
Pool		100					
Downstrea	am View's	Physical Di	mensions:	Is there an	ıy water pı	resent at this	view?
				If so, is the	ere an obv	ious current?	
				,			
Substrate:							
% Cobble 2	20	%Gravel 4	0	% Sand		%Silt 40	
% Mud/Cla	У	% Bedrock	[]			
Aquatic V	agetation:	(Note amou	int of years	- tation or al	aal arow	th at the acce	essment site)
Aquato		(Note union	ant of vege		gar grow	ar ar the asset	assiment site)
Water Cha	racteristic	s					
Odor		Sewage	Musky	Chemical	None	Other	
Color		Clear	Green	Gray	Milky	Other	
Bottom De	posit	Sludge	Solids	Fine Sed.	None	Other	
Surface De	posit	Oil	Scum	Foam	None	Other	

Site#2 Mark # 25 0140_Youngs Creek_Boone

	Depth (m)		Depth (m)		Depth (m)
Transect 1	0.15	Transect 5	0.20	Transect 9	0.50
Substrate:	0.40	Substrate:	0.40	Substrate:	0.35
gravel/silt	0.50	gravel/silt/cobble	0.30	gravel/silt	0.50
Water Clarity:	0.55	Water Clarity:	0.40	Water Clarity:	0.50
murky	0.65	murky	0.50	murky	0.45
Channel Feature:	0.65	Channel Feature:	0.30	Channel Feature:	0.40
pool	0.55	pool	0.40	pool	0.30
Channel Width:	0.50	Channel Width:	0.50	Channel Width:	0.20
18.00	0.50	18.00	0.60	7.00	0.10
0.50	0.40	0.40	0.40	0.43	0.50
Transect 2	0.30	Transect 6	0.30	Transect 10	0.00
Substrate:	0.35	Substrate:	0.40	Substrate:	0.50
gravel/silt	0.40	gravel/cobble	0.50	gravel/silt	0.20
Water Clarity:	0.40	Water Clarity:	0.45	Water Clarity:	0.20
murky	0.50	murky	0.45	murky	0.35
Channel Feature:	0.50	Channel Feature:	0.45	Channel Feature:	0.45
pool	0.40	pool	0.40	pool	0.40
Channel Width:	0.30	Channel Width:	0.45	Channel Width:	0.50
18.00	0.25	18.00	0.25	5.00	0.45
0.38	0.20	0.45	0.50	0.40	0.40
Transect 3	0.20	Transect 7	0.85	Transect 11	0.00
Substrate:	0.30	Substrate:	0.75	Substrate:	0.15
gravel/silt	0.35	gravel/silt	1.00	gravel/silt	0.25
Water Clarity:	0.40	Water Clarity:	1.00	Water Clarity:	0.30
murky	0.50	murky	1.00	murky	0.30
Channel Feature:	0.50	Channel Feature:	1.00	Channel Feature:	0.30
pool	0.50	pool	0.80	pool	0.30
Channel Width:	0.45	Channel Width:	0.60	Channel Width:	0.30
18.00	0.40	18.00		6.00	0.25
0.40	0.40	0.83	0.55	0.28	0.10
Transect 4	0.15	Transect 8	1.00		
Substrate:	0.30	Substrate:	1.00		
gravel/silt	0.30	gravel/silt	1.00	Site Median	Site Maximum
Water Clarity:	0.40	Water Clarity:	0.85	0.40	1.00
murky	0.40	murky	0.75		
Channel Feature:	0.45	Channel Feature:	0.80		
pool	0.35	pool	0.65		
Channel Width:	0.45	Channel Width:	0.60		
18.00	0.45	18.00	0.50		
0.40	0.40	0.78	0.30		

WBID 140 Site # 3

Date and Time:

5-29-07 5:37pm

Current Weather Conditions

cloudy

Weather Conditions for Past 10 days:

Drought Conditions? No

Site Location (e.g. road crossing)

15 rd. crossing

GPS Mark:

27

7

Upstream Photo Downstream Photo

Uses Observed (Uses actually observed at time of survey) Circle

Swimming Skin Diving SCUBA diving Tubing

Water Skiing Wind Surfing Kayaking Boating

Wading Rafting Hunting Trapping

Fishing None of the Above Other

Surrounding Conditions

City/county parks Playgrounds MDC conservation lands Urban areas

Campgrounds Boating accesses State parks National Forests

Nature trails Stairs/walkway No trespass sign Fence

Steep slopes None of the Above Other

Indications of Human Use

Roads Rope swings Foot paths/prints Dock/platform

Livestock Watering RV/ATV Tracks Camping Sites Fire pit/ring

Mark # 27	7	Dissolved	l Oxygen (p	pm)	7.3	
Upstream Views Phy	sical Dime	nsions:	Is there ar	ny water p	resent at this	view?
					У	
			If so, is the	ere an obv	vious current?	
					У	
Select one of the fol	_		es:			
	nel Feature		T		Т	
Riffle	15					
Run	0					
Pool	85			<u> </u>		
Downstream View's	Physical Di	imensions:	ls there an	v water n	resent at this	view?
Downstream view s	i ilyolodi Di			y water p	у	VICW:
			If so, is the	ere an obv	vious current?	
			,		у	
					,	
Substrate:						
0/ 0 111 45	lo, 0 1	10	lo. 0 1		lo. 011. 45	 1
% Cobble 45	% Gravel	10	% Sand		% Silt 15	
	'		% Sand		% Silt 15	
% Cobble 45 % Mud/Clay	% Gravel		% Sand		% Silt 15	
% Mud/Clay	% Bedrock	30]	aal arow	•	essment site)
	% Bedrock	30]	gal grow	•	essment site)
% Mud/Clay	% Bedrock	30]	gal grow	•	essment site)
% Mud/Clay	% Bedrock	30]	gal grow	•	essment site)
% Mud/Clay	% Bedrock	30]	gal grow	•	essment site)
% Mud/Clay	% Bedrock	30]	gal grow	•	essment site)
% Mud/Clay	% Bedrock	30]	gal grow	•	essment site)
% Mud/Clay	% Bedrock	30]	gal grow	•	essment site)
% Mud/Clay	% Bedrock	30]	gal grow	•	essment site)
% Mud/Clay	% Bedrock	30]	gal grow	•	essment site)
% Mud/Clay Aquatic Vegetation:	% Bedrock	30]		•	essment site)
% Mud/Clay Aquatic Vegetation:	% Bedrock	30]		•	essment site)
% Mud/Clay Aquatic Vegetation: Water Characteristic Odor	% Bedrock (Note amou	unt of vege	tation or al	None	th at the asse	essment site)
% Mud/Clay Aquatic Vegetation: Water Characteristic	% Bedrock	30 unt of vege	tation or al		th at the asse	essment site)
% Mud/Clay Aquatic Vegetation: Water Characteristic Odor Color	% Bedrock (Note amou	wasky Green	ctation or al	<i>None</i> Milky	th at the asse	essment site)
% Mud/Clay Aquatic Vegetation: Water Characteristic Odor	% Bedrock (Note amou	unt of vege	tation or al	None	th at the asse	essment site)
% Mud/Clay Aquatic Vegetation: Water Characteristic Odor Color Bottom Deposit	% Bedrock (Note amou	Musky Green Solids	Chemical Gray Fine Sed.	None Milky None	Other Other Other	essment site)
% Mud/Clay Aquatic Vegetation: Water Characteristic Odor Color	% Bedrock (Note amou	wasky Green	ctation or al	<i>None</i> Milky	th at the asse	essment site)
% Mud/Clay Aquatic Vegetation: Water Characteristic Odor Color Bottom Deposit	% Bedrock (Note amou	Musky Green Solids	Chemical Gray Fine Sed.	None Milky None	Other Other Other	essment site)

WBID#

140

Site #

3

Site # 3 Mark # 27 0140_Youngs Creek_Boone

	Depth (m)		Depth (m)		Depth (m)
Transect 1	0.50	Transect 5	0.50	Transect 9	0.00
Substrate:	0.50	Substrate:	0.20	Substrate:	0.50
cobble	0.50	bedrock/silt/gravel	0.30	bedrock/gravel/silt	0.10
Water Clarity:	0.50	Water Clarity:	0.40	Water Clarity:	0.20
clear	0.10	cludy	0.50	cloudy	0.30
Channel Feature:	0.10	Channel Feature:	0.55	Channel Feature:	0.45
riffle	0.15	pool	0.70	pool	0.60
Channel Width:	0.50	Channel Width:	0.65	Channel Width:	0.55
8.00	0.50	12.00	0.55	12.00	0.60
0.50	0.00	0.50	0.30	0.43	0.40
Transect 2	0.00	Transect 6	0.35	Transect 10	0.30
Substrate:	0.50	Substrate:	0.60	Substrate:	0.50
cobble/gravel	0.15	bedrock/silt/gravel	0.60	bedrock/gravel/silt	0.55
Water Clarity:	0.20	Water Clarity:	0.80	Water Clarity:	0.50
clear	0.25	cloudy	0.85	cloudy	0.50
Channel Feature:	0.15	Channel Feature:	0.80	Channel Feature:	0.50
pool	0.15	pool	0.55	pool	0.35
Channel Width:	0.10	Channel Width:	0.35	Channel Width:	0.25
10.00	0.50	12.00	0.30	8.00	0.20
0.15	0.00	0.58	0.20	0.43	0.10
Transect 3	0.00	Transect 7	0.10	Transect 11	0.00
Substrate:	0.15	Substrate:	0.15	Substrate:	0.00
cobble/gravel	0.15	bedrock/silt/gravel	0.10	cobble	0.10
Water Clarity:	0.25	Water Clarity:	0.20	Water Clarity:	0.10
cloudy	0.40	cloudy	0.30	cloudy	0.15
Channel Feature:	0.40	Channel Feature:	0.40	Channel Feature:	0.15
pool	0.60	pool	0.60	pool	0.15
Channel Width:	0.60	Channel Width:	0.70	Channel Width:	0.10
12.00	0.70	15.00	0.70	8.00	0.10
0.40	0.45	0.33	0.35	0.10	0.50
Transect 4	0.15	Transect 8	0.35		_
Substrate:	0.55	Substrate:	0.80		
bedrock	0.55	bedrock/silt/gravel	0.75	Site Median	Site Maximum
Water Clarity:	0.55	Water Clarity:	0.70	0.40	0.85
cloudy	0.60	cloudy	0.50		
Channel Feature:	0.55	Channel Feature:	0.40		
pool	0.55	pool	0.35		
Channel Width:	0.45	Channel Width:	0.30		
12.00	0.35	12.00	0.15		
0.55	0.20	0.45	0.50		

WBID 140 Site # 4

Date and Time: 5-29-07 6:30pm

Current Weather Conditions

cloudy

Weather Conditions for Past 10 days:

Drought Conditions? No

Site Location (e.g. road crossing)

373 crossing

GPS Mark:

28

Upstream Photo Downstream Photo

10 9

Uses Observed (Uses actually observed at time of survey) Circle

Swimming Skin Diving SCUBA diving Tubing

Water Skiing Wind Surfing Kayaking Boating

Wading Rafting Hunting Trapping

Fishing None of the Above Other

Surrounding Conditions

City/county parks Playgrounds MDC conservation lands Urban areas

Campgrounds Boating accesses State parks National Forests

Nature trails Stairs/walkway No trespass sign Fence

Steep slopes None of the Above Other

Indications of Human Use

Roads Rope swings Foot paths/prints Dock/platform

Livestock Watering RV/ATV Tracks Camping Sites Fire pit/ring

WBID # 140 Mark # 28 Upstream Views Phy	Dissolve vsical Dimensions:	If so, is the	p pm) ny water p	10.2 present at this y vious current? y	view?
Select one of the foll	nel Feature	ıres:			
Riffle	5				
Run	0				
Pool	95				
Downstream View's	Physical Dimension		у	resent at this vious current?	
Substrate: % Cobble 90 % Mud/Clay	% Gravel 10	% Sand		% Silt	
Aquatic Vegetation:	•	jetation or al	gal grow	th at the asse	essment site)
Water Characteristic	s				
Odor	Sewage Musky	Chemical	None	Other	
Color	Clear Green	Gray	Milky	Other	
Bottom Deposit	Sludge Solids	Fine Sed.	None	Other	
Surface Deposit	Oil Scum	Foam	None	Other	

Site # 4 Mark # 28 0140_Youngs Creek_Boone

_	Depth (m)		Depth (m)		Depth (m)
Transect 1	0.40	Transect 5	0.50	Transect 9	0.40
Substrate:	0.80	Substrate:	0.35	Substrate:	0.70
cobble/gravel	1.00	cobble/gravel	0.60	cobble	0.85
Water Clarity:	1.00	Water Clarity:	0.85	Water Clarity:	1.00
murky	1.00	murky	1.00	murky	1.00
Channel Feature:	1.00	Channel Feature:	1.00	Channel Feature:	1.00
pool	1.00	pool	1.00	pool	1.00
Channel Width:	1.00	Channel Width:	1.00	Channel Width:	1.00
8.00	1.00	7.00	0.70	8.00	1.00
1.00	1.00	0.78	0.65	1.00	1.00
Transect 2	0.55	Transect 6	0.50	Transect 10	0.55
Substrate:	0.95	Substrate:	1.00	Substrate:	0.85
cobble/gravel	1.00	cobble/gravel	1.00	cobble	1.00
Water Clarity:	1.00	Water Clarity:	1.00	Water Clarity:	1.00
murky	1.00	murky	1.00	murky	1.00
Channel Feature:	1.00	Channel Feature:	1.00	Channel Feature:	1.00
pool	1.00	pool	1.00	pool	1.00
Channel Width:	1.00	Channel Width:	1.00	Channel Width:	1.00
7.00	1.00	8.00	1.00	8.00	1.00
1.00	0.85	1.00	1.00	1.00	0.85
Transect 3	0.35	Transect 7	0.00	Transect 11	0.70
Substrate:	1.00	Substrate:	0.50	Substrate:	1.00
cobble/gravel	1.00	cobble/gravel	0.10	cobble	1.00
Water Clarity:	1.00	Water Clarity:	0.15	Water Clarity:	1.00
murky	1.00	murky	0.10	murky	1.00
Channel Feature:	1.00	Channel Feature:	0.15	Channel Feature:	1.00
pool	1.00	riffle	0.50	pool	1.00
Channel Width:	1.00	Channel Width:	0.20	Channel Width:	1.00
8.00	1.00	6.00	0.15	9.00	1.00
1.00	1.00	0.15	0.50	1.00	1.00
Transect 4	0.40	Transect 8	0.50		
Substrate:	0.75	Substrate:	0.50	Site Median	Site Maximum
gravel	1.00	gravel/cobble	0.15	1.00	1.00
Water Clarity:	1.00	Water Clarity:	0.20		
murky	1.00	clear	0.25		
Channel Feature:	1.00	Channel Feature:	0.10		
pool	1.00	riffle	0.15		
Channel Width:	1.00	Channel Width:	0.20		
8.00	0.95	7.00	0.50		
1.00	0.70	0.23	0.50		

WBID 140 Site # 5

Date and Time: 6:55pm 5-29-07 Current Weather Conditions cloudy with drizzle Weather Conditions for Past 10 days:

Drought Conditions? No

Site Location (e.g. road crossing)

rd. crossing 357 GPS Mark: 29

Upstream Photo Downstream Photo

12 11

Uses Observed (Uses actually observed at time of survey) Circle

Swimming Skin Diving SCUBA diving Tubing

Water Skiing Wind Surfing Kayaking Boating

Wading Rafting Hunting Trapping

Fishing None of the Above Other

Surrounding Conditions

City/county parks Playgrounds MDC conservation lands Urban areas

Campgrounds Boating accesses State parks National Forests

Nature trails Stairs/walkway No trespass sign Fence

Steep slopes None of the Above Other

Indications of Human Use

Roads Rope swings Foot paths/prints Dock/platform

Livestock Watering RV/ATV Tracks Camping Sites Fire pit/ring

NPDES Discharge Fishing Tackle Other:

WBID # 14	0	Site #	5					
Mark# 2	9	Dissolved	Oxygen (p	pm)	11.4			
Upstream Views Ph	ysical Dime	nsions:	Is there a	ny water p	resent at this	view?		
					у			
			If so, is the	ere an obv	rious current?			
Select one of the fo	llowing cha	nnel festur	06 '		У			
	nnel Feature		c 3.					
Riffle	30	<u> </u>						
Run	10							
Pool	60							
Downstream View's Physical Dimensions: Is there any water present at this view? y If so, is there an obvious current? y								
					1			
				-	•	 		
Substrate:								
% Cobble	% Gravel	100	% Sand		% Silt			
% Mud/Clay	% Bedrocl	<u> </u>	7					
70 Muu/Clay	170 Dedioci	`						
Aquatic Vegetation:	(Note amo		tation or al			essment site)		
Water Characteristi	cs							
Onaraotoristi								
Odor	Sewage	Musky	Chemical	None	Other			
Color	Clear	Green	Gray	Milky	Other			
Bottom Deposit	Sludge	Solids	Fine Sed.	None	Other			
Surface Deposit	Oil	Scum	Foam	None	Other			

Site # 5 Mark #29 0140_Youngs Creek_Boone

_	Depth (m)		Depth (m)		Depth (m)
Transect 1	0.00	Transect 5	0.00	Transect 9	0.50
Substrate:	0.50	Substrate:	0.10	Substrate:	0.20
gravel	0.10	gravel	0.00	gravel	0.40
Water Clarity:	0.15	Water Clarity:	0.00	Water Clarity:	0.55
murky	0.20	murky	0.00	murky	0.80
Channel Feature:	0.25	Channel Feature:	0.50	Channel Feature:	0.90
pool	0.20	riffle	0.00	pool	0.90
Channel Width:	0.30	Channel Width:	0.10	Channel Width:	0.90
6.00	0.20	8.00	0.20	6.00	0.90
0.20	0.15	0.05	0.10	0.85	0.95
Transect 2	0.00	Transect 6	0.00	Transect 10	0.00
Substrate:	0.50	Substrate:	0.10	Substrate:	0.10
gravel	0.00	gravel	0.25	gravel	0.15
Water Clarity:	0.00	Water Clarity:	0.30	Water Clarity:	0.20
murky	0.10	murky	0.35	murky	0.30
Channel Feature:	0.20	Channel Feature:	0.35	Channel Feature:	0.35
run	0.30	run	0.40	pool	0.35
Channel Width:	0.35	Channel Width:	0.35	Channel Width:	0.30
7.00	0.25	6.00	0.30	7.00	0.25
0.18	0.15	0.30	0.10	0.23	0.20
Transect 3	0.00	Transect 7	0.00	Transect 11	0.00
Substrate:	0.00	Substrate:	0.50	Substrate:	0.00
gravel	0.00	gravel	0.00	gravel	0.50
Water Clarity:	0.00	Water Clarity:	0.50	Water Clarity:	0.15
murky	0.00	murky	0.10	clear	0.10
Channel Feature:	0.10	Channel Feature:	0.25	Channel Feature:	0.20
riffle	0.25	pool	0.35	riffle	0.20
Channel Width:	0.20	Channel Width:	0.45	Channel Width:	0.30
8.00	0.10	8.00	0.50	8.00	0.20
0.00	0.00	0.38	0.40	0.20	0.50
Transect 4	0.10	Transect 8	0.00		
Substrate:	0.10	Substrate:	0.15		
gravel	0.10	gravel	0.40	Site Median	Site Maximum
Water Clarity:	0.10	Water Clarity:	0.70	0.20	1.00
murky	0.50	murky	0.90		
Channel Feature:	0.10	Channel Feature:	1.00		
riffle	0.15	pool	1.00		
Channel Width:	0.15	Channel Width:	1.00		
7.00	0.20	6.00	1.00		
0.10	0.10	0.95	1.00		

WBID 104

Site # 6 Above Base Flow

Date and Time: 7:25pm 5-29-07

Current Weather Conditions

cloudy/sprinkles

Weather Conditions for Past 10 days:

Drought Conditions? No

Site Location (e.g. road crossing)

2 rd. crossing

GPS Mark:

30

Upstream Photo Downstream Photo

15 16

Uses Observed (Uses actually observed at time of survey) Circle

Swimming Skin Diving SCUBA diving Tubing

Water Skiing Wind Surfing Kayaking Boating

Wading Rafting Hunting Trapping

Fishing None of the Above Other

Surrounding Conditions

City/county parks Playgrounds MDC conservation lands Urban areas

Campgrounds Boating accesses State parks National Forests

Nature trails Stairs/walkway No trespass sign Fence

Steep slopes None of the Above Other

Indications of Human Use

Roads Rope swings Foot paths/prints Dock/platform

Livestock Watering RV/ATV Tracks Camping Sites Fire pit/ring

Upstream Views Physical Dimensions:				Is there any water present at this view?								
				If so, is there an obvious current?								
Select one of the following channel features: % of Channel Feature												
Riffle												
Run												
Pool												
Downstream View's Physical Dimensions: Is there any water present at this view?												
				If so, is there an obvious current?								
Substrate:												
% Cobble		% Gravel		% Sand		% Silt						
% Mud/Clay		% Bedrock										
Aquatic V	egetation: ((Note amou	gal growt	h at the asse	essment site)							
,												
ABOVE BASE FLOW												
Water Characteristics												
Odor		Sewage	Musky	Chemical	None	Other						
Color		Clear	Green	Gray	Milky	Other						
Bottom De	posit	Sludge	Solids	Fine Sed.	None	Other						
Surface De	eposit	Oil	Scum	Foam	None	Other						

WBID#

Mark #

104

Site #

Dissolved Oxygen (ppm)

Site # 6 Mark # 0140_Youngs Creek_Boone

Above Base Flow

	Depth (m)		Depth (m)	_	Depth (m)
Transect 1		Transect 5		Transect 9	
Substrate:		Substrate:		Substrate:	
Water Clarity:		Water Clarity:		Water Clarity:	
Channel Feature:		Channel Feature:		Channel Feature:	
Channel Width:		Channel Width:		Channel Width:	
#NUM!		#NUM!		#NUM!	
Transect 2		Transect 6		Transect 10	
Substrate:		Substrate:		Substrate:	
Motor Clarity		Matar Clarity		Water Clarity	
Water Clarity:		Water Clarity:		Water Clarity:	
Channel Feature:		Channel Feature:		Channel Feature:	
Onamici i catare.		Chamier readure.		Onamici i catare.	
Channel Width:		Channel Width:		Channel Width:	
#NUM!		#NUM!		#NUM!	
Transect 3		Transect 7		Transect 11	
Substrate:		Substrate:		Substrate:	
Water Clarity:		Water Clarity:		Water Clarity:	
Channel Feature:		Channel Feature:		Channel Feature:	
Channel Width:		Channel Width:		Channel Width:	
#NUM!		#NUM!		#NUM!	
				#NOW!!	
Transect 4		Transect 8			
Substrate:		Substrate:			
Water Clarity:		Water Clarity:			
vvaler Clarity.		vvalei Gianty.			
Channel Feature:		Channel Feature:			
Chamillor Feature.		Onamier i eatale.			
Channel Width:		Channel Width:			
		C.S. mor vidui.			
#NUM!		#NUM!			





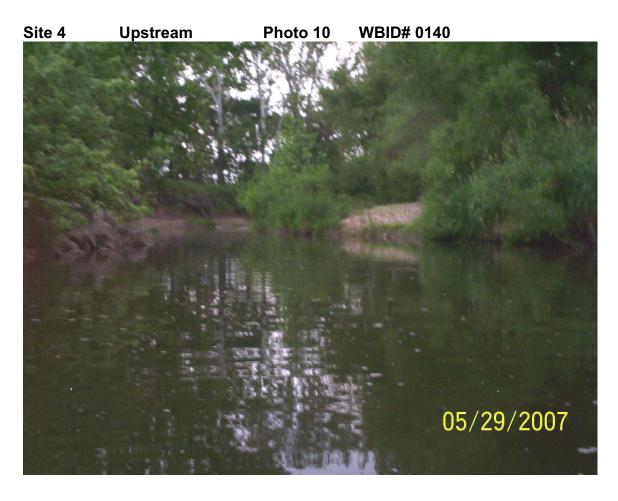






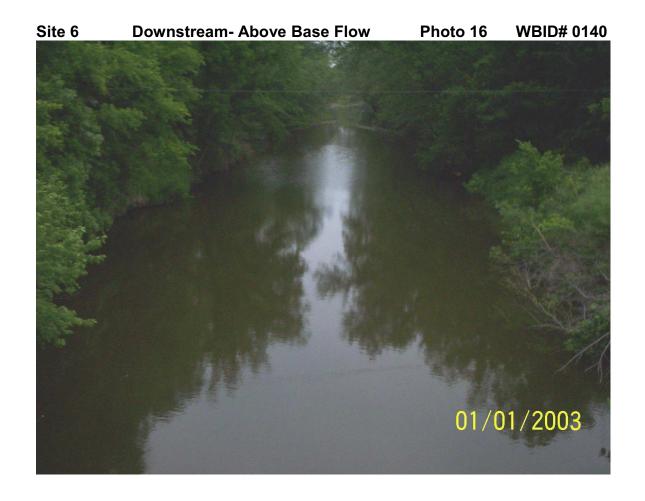














WBID# 0140—Young's Creek



Site# 1 Photo ID# 3, Road and hunting stand



Site# 2 Photo ID# 6, Pipe entering creek